

a regulating member for narrowing the cross-sectional area of the cooling passage in the slot, the regulating member being disposed in a substantially central section of the slot; and

two oil jackets each mounted on an end face of the stator so as to form an oil chamber on each end face of the stator, the oil chambers being connected to the slot.

6. (Amended) A rotating electric machine, comprising:

a stator having a stator core and a slot;

coils housed in the slot; and

a closing member for closing an opening of the slot and defining a cooling passage in the slot;

wherein the coils are provided in a coiling region limited to a position near the bottom of the slot, and the overall region closer to the opening of the slot than the coils is filled by the closing member.

7. (Amended) The rotating electric machine as defined Claim 6, further comprising a stopper for supporting each of the coils, the stopper projecting from the teeth of the stator core into the inner section of the slot and being positioned on the end of the coiling region and near the opening of the slot.

Please add the following new claim:

10. (New) The rotating electric machine as defined in Claim 6, wherein the closing member is in contact with an end of adjacent coils, and wherein the cooling passage is formed between the adjacent coils.